



ORANGE COUNTY AMATEUR RADIO CLUB

VOLUME XXXVII NO. 7 P.O. BOX 3454, TUSTIN, CA 92681 JULY 1996

The Prez Sez:

OCARC 1996 Field Day

I must apologize for missing Field Day. It is only the third FD missed since I first became a ham in 1959. The prior two were due to business trips out of the area; and on one of those trips I even attempted to visit a local club's site. This time I was sick, and even though I hoped to improve enough by Saturday evening to make it there part time, things kept getting worse through most of Sunday.

In any event, Field Day is officially declared a success. Band conditions were acceptable for this phase of the sunspot cycle. **Ken, W6HHC**, has included the raw scores in this paper and they are very reasonable. Some bands were a bit disappointing, but others, that usually don't do so well, were quite improved. The official score will be published next month; all the logs have already been checked and duplicate contacts removed. There were 58 duplicates removed.

What makes Field Day successful is the people. The turn out was excellent, especially during the critical setup and tear-down periods. The official club tear-down photo is (hopefully) included in this month's paper, and shows the large support remaining till the end.

One can't even joke about the Field Day food. It wasn't turkey or roast, like we've occasionally had in the past, but every report I solicited was very positive. Thank you **Frank, WA6VKZ**.

Other people who should be recognized for the success of Field Day are **Chris, KJ6ZH**, who took on the duties of Field Day Chairman. **Frank** (again) and the team who fixed up the club trailer, and **Kei, W6NGO**, who masterminded the club's Field day infrastructure, and kept the generator running for a solid 24 plus hours.

Dues:

The Orange County Amateur Radio Club has remained a bargain for many years. Actually lowering its dues from \$15 to \$12 when other clubs were raising theirs. At the last board meeting a review of the club's finances revealed that we are no longer able to make ends meet. A recommendation was made to raise the dues next year back to \$15 to help cover expenses. Since this requires an amendment to our constitution, the subject of raising the dues will be brought before the club members and voted on at the next two regular meetings.

NETNEWS

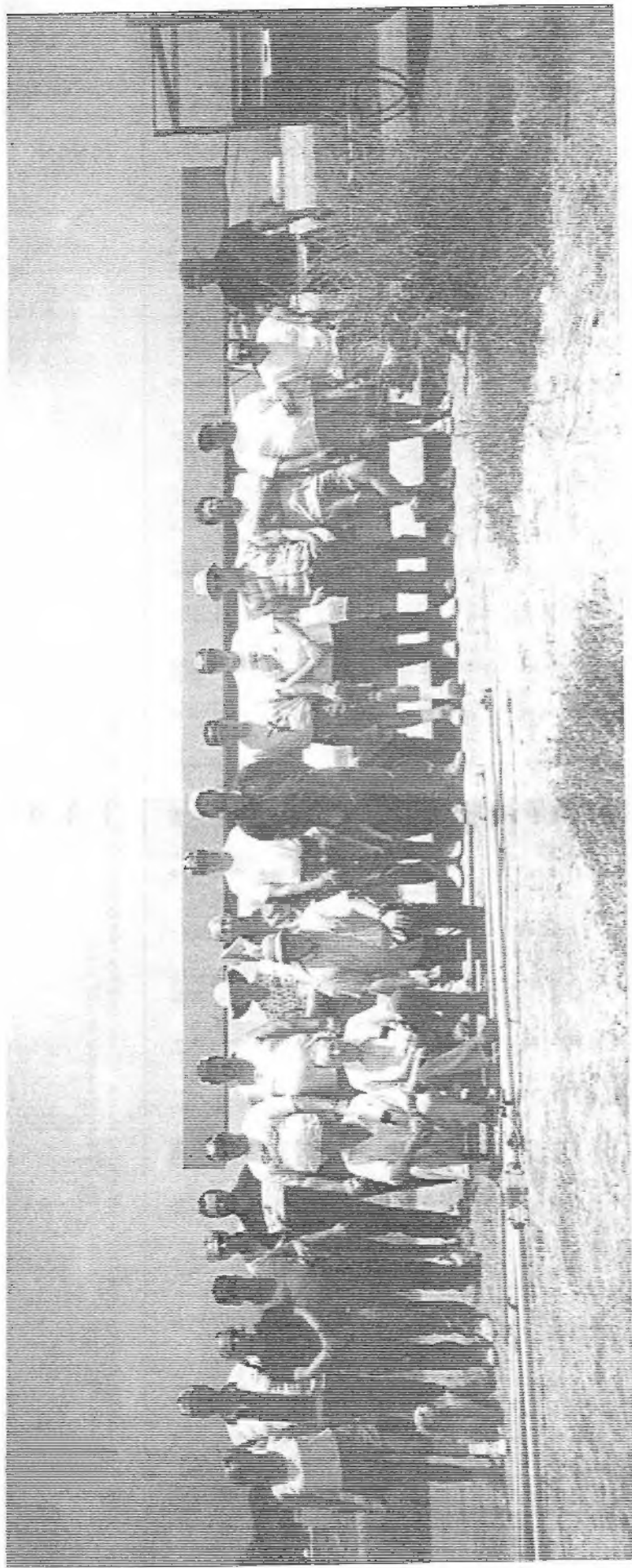
by Bob Evans, WB6IXN

6/5 15m phone net - W6ZE/AF6C checks in HHC, WOX, RE, NGO, IXN, XO, TWA, & COJ. AF6C didn't feel gud last weekend & missed the Club breakfast. RE expects company to arrive tomorrow eve. thru the weekend. And HHC leaves lots of money at the River fer NGO! IXN buries his papa last Mon., and all OPs offer condolences. HHC reported on the Work Party fer the Club Trailer and Field Day prep. was vy successful!...Nine OPs showed up! PFA landlines AF6C to ask OPs fer help wid a bicycle race frm 7 to 11 am this Sun. XO, tired of working long hours, will try to make the FD work party. Bob will hve to work FD Sat.! NGO gets the 'lil red tractor out, checking the gear box and greasing the bearings. NGO asks if there is another trailer & FD work party next Sat. And RE tells OPs that the Low Earth Orbiting Satelllites industry will try to take the 2m & 70cm amateur bands fer commercial use. TWA listens wid great interest! AF6C & XO swap 'cricket' stories. COJ says UC continues to improve. Give Jack a landline at 992-3000-2286#. AF6C relays WOX's condolences to IXN, since Art is marginal copy at IXN's QTH.

6/5 2m phone net - W6ZE/IXN checks in AF6C, ZH, RE, PFA, COJ, TWA, QW, BWH, VDP, VFC, and CHB. ZH reports all well on the FD site. And Chris flies bk to Chicago fer the harmonic's graduation. TAM will be home a week frm today. And if any OP needs FD coordination info., call ZH. RE alerts OPs abt the LEOS people's attempt to take the 2m & 70 cm bands from amateur radio! As soon as LEOS addresses are available, TWA will write letters! QW cuts sum pieces of metal fer the geodesic dome until the heat chases him frm the garage! Rolf has 'looky-lews' at the Sewing Dept. today, and QW has a dahlia in bloom wid the orchids doing nicely! PFA needs a couple of volunteers to work the 'Peddle Santa Ana' bicycle event fer boys & girls clubs in Santa Ana. They will use the 146.895 repeater. VDP & QW work on FD antennas, and Larry tries to find time to improve his CW speed on the HF bands. VFC enjoys working 250 mw QRP on 6m, working over 6 OPs DX! Dennis improves condx by using a 4 element beam ant. CHB is busy rearranging equipment and IXN is knee deep in paper work settling his father's business affairs.

6/12 15m phone net - W6ZE/AF6C checks in NGO, HHC, IXN, KF6DCS, WOX, RE, ZH, COJ, VKZ, VDP, VFC, and WB9YCJ/6. Great check-in, OPs! NGO says there will be a work session to load the Club trailer fer FD on Sat. And Kei says we shud clean up the weeds under & around the trailer! ZH mails waiver forms to OPs fer FD. And PFA mails DCS a waiver form today. IXN returns his waiver form to ZH wid 2 names on it! And HHC goes to Newport Beach fer pizza!...Is the pizza, or the view, better dwn there, Ken?! WOX will attend the work party on Sat., & Art & IXN things will go as usual at the entrance to the FD site! COJ says there will be waiver forms fer OPs to sign at the Guard Gate if anyone doesn't get a waiver form in the mail. RE says the FCC issued 300 new Vanity Call licenses May 31...The program is in full operation! TAM, bk frm the East, treats ZH to his 1st home cooked meal. And Chris needs a copy of the Club insurance policy! And COJ

CONTINUED ON PAGE 5



OCARC 1996 FIELD DAY

USMCAS(H) - TUSTIN, CA.

Back Row:

JANE / KC6TAM	LARRY / KM6UF	PHIL - KK6QE	PAUL / WD6FMX	STEVE / KE6NAH
CHIS / KJ6ZH	BOB / KD6BWH	ROLF / KK6QW	JIM KE6UCH	BOB / KM6TL
LARRY / K6VDP	LARRY / KF6DCS	TIM / WB6OWD	TOM / WA6PFA	FRANK / WA6VKZ
DENNIS / KB6VFC	ART / AD6B	ART / KE6WOX	BOB / N7AZ	

Front Row:

CHARLIE / K9DOG	KEI / W6NGO	BUD / WA6VPP	KEN / W6HHC	OLIE / K9DOG
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"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

JULY 1986

FIELD DAY SUMMARY
FOR
THE ORANGE COUNTY AMATEUR RADIO CLUB - W6ZE
BY: Ken / W6HHC & Bob / AF6C

YEAR	80M CW	75M SSB	40M CW	40M SSB	20M CW	20M SSB	17M SSB	15M CW	15M SSB	12M SSB	10M CW	10M SSB	6M PHN	2M CW	2M PHN	2M PKT	220 PHN	--440-- PHN	--SAT-- ATTY	ELITE	NOVICE (CW)				----TOTAL----	
																					80	40	15	10	QSO's	(POINTS)
1986	146	226	104	125	263	673	0	40	605	0	0	217	121	0	32	13	0	40	0	1	0	0	0	0	2,626	6,428
1985	145	272	203	94	443	572	0	51	451	0	0	131	66	0	83	33	29	8	0	6	0	0	0	0	2,597	6,944
1984	114	114	208	45	486	748	0	85	761	0	13	312	58	0	94	31	33	0	0	0	0	0	0	0	3,102	8,078
1983	150	100	159	81	530	700	30	131	812	0	0	179	40	0	86	35	12	16	0	0	0	0	0	0	3,061	8,132
1982	0	294	200	110	541	555	0	0	840	0	0	232	13	0	74	41	0	1	2	80	0	0	0	0	2,983	7,530
1981	105	309	182	182	400	623	23	9	463	0	0	104	4	0	141	48	23	11	0	0	0	0	0	0	2,826	6,740
1980	0	0	70	144	0	370	-	0	747	0	0	131	39	0	114	2	14	26	0	-	0	0	0	0	1,657	3,454
1989	30	0	98	5	0	906	-	21	172	0	0	238	3	0	121	16	24	9	1	-	0	0	0	0	1,046	3,590
1988	127	0	66	75	2	359	-	0	570	0	0	61	0	0	32	14	0	-	-	-	0	27	0	144	1,497	3,726
1987	22	0	0	39	0	708	-	0	18	1	0	0	1	0	51	5	0	-	-	-	0	0	0	117	962	2,202
1986	0	46	219	76	0	488	-	0	45	10	0	0	0	0	62	0	0	-	-	-	0	0	0	0	968	2,374
1985	81	0	311	91	35	662	-	75	0	-	0	0	0	0	22	-	0	-	-	-	4	4	3	0	1,288	3,602
1984	0	0	310	0	32	196	-	0	350	-	0	0	0	0	0	-	0	-	-	-	18	3	32	0	941	2,672
1983	3	93	200	0	0	776	-	0	995	-	0	43	18	0	16	-	1	-	-	-	0	0	0	0	2,145	4,696
1982	0	105	49	238	40	352	-	0	515	-	0	72	0	0	155	-	27	-	-	-	0	10	19	0	1,582	3,400
1981	0	167	203	265	60	699	-	77	717	-	0	105	0	0	197	-	0	-	-	-	0	0	0	0	2,487	5,648
1980	20	149	205	235	471	318	-	52	1,025	-	0	226	12	0	100	-	36	-	-	-	0	0	0	0	2,849	7,194
1979	0	195	198	92	42	773	-	0	737	-	0	95	0	2	124	-	8	-	-	-	0	0	0	0	2,266	5,016
1978	14	196	242	170	30	981	-	50	858	-	0	145	0	1	164	-	23	-	-	-	2	4	7	13	2,600	5,926
1977	25	243	163	199	0	843	-	47	486	-	0	309	0	4	234	-	0	-	-	-	0	19	34	4	2,610	5,812
1976	99	254	152	487	21	600	-	64	210	-	2	54	0	0	2	-	0	-	-	-	0	0	0	0	1,945	4,566
1975	80	120	154	274	40	863	-	140	259	-	0	123	0	0	0	-	0	-	-	-	0	0	0	0	2,053	4,934
1974	0	161	0	333	0	630	-	0	342	-	0	110	0	0	0	-	0	-	-	-	8	6	12	0	1,600	3,248
1973	90	226	0	452	0	932	-	0	273	-	0	0	0	0	46	-	0	-	-	-	0	0	0	0	2,019	4,218
1972	0	50	0	350	0	521	-	0	530	-	0	0	0	0	94	-	0	-	-	-	0	0	0	0	1,545	3,090
1971	0	274	0	106	0	530	-	0	136	-	0	0	0	0	0	-	0	-	-	-	0	0	0	0	1,046	2,092
1970	0	272	0	0	0	531	-	0	426	-	0	0	0	0	0	-	0	-	-	-	0	0	0	0	1,229	2,458
1969	0	98	0	50	0	375	-	0	301	-	0	0	0	0	169	-	0	-	-	-	0	0	0	0	993	1,986
1968	10	224	62	396	93	328	-	24	430	-	0	68	0	0	145	-	0	-	-	-	0	0	0	0	1,780	3,936

Note: These are raw contacts taken directly from the log sheets. Adjustments have not been made for duplicate contacts, and bonus points have not been added yet. Final scores appear in GST in the fall.

comes to ZH's aid by palavering wid 'the powers to be' at the Marine Base. N6UC, on phone patch, can't talk wid nurses attending him & the harmonic there! VKZ won't sign his release form! For Frank: FD or no FD?..That is the question! VDP is surprised by the waiver form, too! VFC tells ZH he has gud sigs at the QTH tonite, and Dennis will check in on 2m later.

6/12 2m phone net - W6ZE/IXN checks in AF6C, VFC, ZH, VDP, TWA, QW, YZW, CHB, YCJ, WOX, BWH, RE, & PZF. AF6C gives IXN additional check-ins at end of 15m net. VFC, working the VHF Contest last weekend, said 4 & 5 land, and VE land had 6m openings last Sun. afternoon! And Dennis says there are a lot of EICOM 706s out there on 6m! ZH pleads fer all OPs to send him there Waiver Forms fer FD ASAP!! VDP gets 3 new grid sqaures in the Contest, and Larry says an XE OP worked over 600 contacts on 6m! IXN tnx TWA fer the goodies left on his front door handle! And Charles talks wid Ken, YCJ, earlier. Ken will try to make it to FD. ZH will order the porta-potties tomorrow. QW's Business is broken into, and 6 expensive un-insured machines are stolen! Rolf loads metal into the auto, and it's off to a tool & dye shop to cut pieces fer the geodesic dome! And QW only worked strong 6m stations in the Contest wid his small ant. YZW will attempt to get to FD. And YCB, wid changing job hours, has FD problems. WOX works the Contest last weekend fer 1 day, and Art says 'Hi' to YCJ/6, Ken. RE checks in after running an errand and tells OPs that FCC is down-sizing operations at 12 monitoring stations!..Monitoring will be done by remote control. BWH checks in mobile, but airs Newsline after arriving at the QTH...Amateur response to the threat of the loss of 2m/440 bands has been tremendous!! But more response is needed! And Bob reports a vy successful Boys & Girls Clubs charity event in Santa Ana last weekend! Handling communications fer the Event were: PFA, BWH, VKZ, & VPP. PFA was NC.

6/19 15m phone net - Acting NC W6ZE/HHC checks in AD6B, NGO, VDP, IXN, RE, TWA, COJ, AA7EI, WOX, and AF6C, who just finishes his dinner! AF6C then assumes his NC duties. AD6B, AF6C & HCC reminisce abt a tennis court in Orange where they got a Christmas workout! AF6C, HHC, and NGO met recently to plan fer FD. And NGO gathers FD gear to load fer FD. HHC loads the computer wid the FD logging program, and Ken will attend the FD work party at the Marine Base on Friday at noon. AA7EI, Vern, a member of the Cochise ARC, checks in frm 80 mi. SE of Tuscon, AZ. VDP fires up QW's FT-1000, testing it fer FD. OPs give Larry FB audio reports! Now, VDP will make certain that he loads the rig, keeping the power level within FD limits! RE listens to W1AW on different freqs. to test propogation to find the best freq. to copy the FD message. And Alex will attend the FD work party Fri. afternoon. TWA watches a past Shuttle launch in Fla., photographing the Shuttle craft at lift-off. IXN remembers the lift-off of Apollo 15. AF6C assumes NC frm HHC, and COJ is busy running arnd at the hospital confronting medical problems wid the XYL and daughter. EI, Vern, is retired Navy. The Cochise ARC call fer FD is: WA7KYT. Wid the draught is AZ, no open fires will be allowed! WOX checks in after attending his son's winning soccer game. And Art hears EI FB at the QTH!

6/19 2m phone net - W6ZE/IXN checks in ZH & TAM, VFC, PZF, RE, VDP, WOX, QW, & BWH. ZH says the Club trailer was loaded last Sat. fer FD. All paper work has been signed fer access to the FD site, and response to the waiver signing has been gud. TAM will need help Fri. eve. wid refreshments. And Chris says talk-in fer FD will be on simplex freq. of 146.55 MHz. VDP works his 49th State, Miss., yesterday on 6m. When Larry works Del., he'll apply fer his 6m WAS! VDP gets an interface ready fer the FT-1000. RE says we had an increase in sunspots the past week, and Alex reports that the upcoming Shuttle mission will hve KC7NHZ, N4BQW, and VE3CSA on board! An unmanned packet station, W5RRR-1 will downlink on 145.55, wid 144.49 uplink. FM voice downlink will be on 145.55, wid voice uplink on freqs.: 144.91, 93, 95, 97, and 99. VFC gets 2 more grid squares today: NC & WY. PZF will become a 3-year FD veteran when he attends FD this year. VDP checks in on a different radio, wid the station rig packed fer FD. WOX will attend his 1st FD this year. And Art gets a 10m contact in NM last nite! And WOX limits himself to one day a week on packet. Rolf brings home a cactus which flowers bigger than a Christmas cactus. IXN says don't water the cactus and it will set its blooms. QW will leave the truck at the FD site fer VDP to use as a FD shelter fer needed gear! BWH airs an interesting Newslite after net. Looks like we need to send letters to committee member addresses to make sure they get our correspondence concerning use of 2m & 70 cm amateur bands by the Mobile Satellite Service.

6/26 15m phone net - W6ZE/AF6C checks in VDP, IXN, HHC, NGO, VFC, RE, & VKZ. AF6C is much better after his bout wid stomach flu over Field Day! And Bob hears kudos fer Frank, VKZ, on excellent chow fer FD! And VDP tells IXN where the Baldwin Hills are located. HHC appreciates his bed after sleeping at FD! And Ken gives rough FD scores and compares them to last year's scores: 80 CW = 146/145 last year; 75 SSB = 228/272 1y; 40 CW = 104/203 1y; 40 SSB = 125/94 1y; 20 CW = 283/443 1y; 20 SSB = 773/572 1y; 15 CW = 40/51 1y; 15 SSB = 605/451 1y; 10 SSB = 217/131 1y; 6 phone = 121/66 1y; 2 phone = 32/93 1y; 2 packet = 13/33 1y; 440 phone = 40/8 1y; satellite = 1/6 1y. Total contacts = 2728/2597 1y.; points = 6628/6944 1y. VDP gets a QSL frm Mississippi today, wid only 1 more state to go fer 6m WAS! And Larry asks ZE if we got the Club 10-10 number bk yet. And VDP gets the Astron pwr supply repaired vy reasonably! HHC enjoys the saki party, buffalo wings, and corn donated to Kei by farmer next door. IXN likes the pickles, and all OPs give VKZ high marks on FD food! VFC will send ZE the FD message that RE left wid him. IXN's brother, Lee, passes kudos to Kei on post hole digging wid the tractor at the FD site. NGO gets his hair cut, takes a snooze, but wakes up before Net.

6/26 2m phone net - W6ZE/IXN checks in VFC, WOX, VDP, VXM, AF6C, ZH & TAM, RE, HHC, VKZ, & BWH. VFC had plenty to eat at FD, and Dennis enjoyed the chow! Wid the FD message copied, and the FD message off to Joe Brown, RE says the Club has 200 additional FD points! Want to read a gud story? Ask RE fer his copy of "Mr. Intrepid", which involves breaking coded radio messages during WW II! AF6C awaits the FD message frm Dennis, and HHC repeats rough FD scores fer the 2m Net. Wid scores showing improvement in propogation, it appears the next

solar cycle has begun! BWH gets home early!...And Bob mows the grass before net! BWH airs Newslines and moves on to Traffic Net duties. WOX arrives home from the youth soccer game and tells OPs his 1st FD was a fine experience! VDP thinks higher antennas might improve FD scores, and Larry laments lower 40m scores this year. Last night VDP visits LAX to pick up the harmonic arriving from Washington, D.C. ZH is 'bombed' by a high power OP, but Chris tells us that a 35 ft. ant. may be a little low to work Nepal! RE says there were very few ARRL bulletins with FD the major topic. VKZ & ?VXM 'fly in & fly out'.

1996 Board of Directors

President.....	Bob Eckweiler.....	AF6C.....	639-5074
Vice President.....	Ken Konechy.....	W6HHC.....	744-0217
Secretary.....	Chris Breller.....	KJ6ZH.....	863-1499 (310)
Treasurer.....	Bob Buss.....	KD6BWH.....	534-2995
Activities.....	John Meacham.....	KJ6TK.....	842-4702
Membership.....	Tom Thomas.....	WA6PFA.....	771-2917
Public Relations.....	Frank Smith.....	WA6VKZ.....	838-3180
Tech Committee.....	Larry Breilin.....	K6VDP.....	557-7217
Member at Large.....	Cindy Hughes.....	KC6OPI.....	971-3448
Member at Large.....	Kei Yamachika.....	W6NGO.....	538-8942

CLUB APPOINTMENTS

Club Historian.....	Bob Evans.....	WB6IXN.....	543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C.....	639-5074
RF Editor.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Refreshments.....	Jane Breller.....	KC6TAM.....	

DUES

Regular Members.....\$12.00...Additional Members.....\$6.00 each

Teenage Member.....\$ 6.00...Optional Club Badge.....\$5.00 each

Dues for new members are pro-rated quarterly from January 1st each year.

Family members must reside at the address of a regular member. One RF is sent per household.

Club Nets

<u>Band</u>	<u>Mode</u>	<u>Day</u>	<u>Local Time</u>	<u>Freq. Mhz.</u>	<u>Net Control</u>
15 Meters	SSB	Wednesday	7:30 P.M.	21.375*	AF6C
2 Meters	FM	Wednesday	8:30 P.M.	146.550 Simplex	WB6IXN

(Listen for W6ZE, Net Control)

* Plus or Minus QRM

General Meeting

July 19
August 16
September 20

General meeting is the third Friday of each month, 7:30 P.M., at the AMERICAN RED CROSS facilities.
601 N. Golden Circle Dr. , Santa Ana, CA
Major cross streets: Fourth Street and Tustin Ave.
Talk-in frequency 146.550 MHZ. simplex.

Board Breakfast

August 3
September 7
October 5

Board Meeting is the first Saturday of each month at 8:00 A.M. The Wildflower Restaurant - members and visitors are welcome.
2525 N. Grand Ave., Santa Ana, CA
Exit the 5 freeway at 17th St., go east to Grand Ave. Go north on Grand; or exit the 22 Freeway at Glassell/Grand. Go south to restaurant.



Orange County Amateur Radio Club, Inc
P.O. Box 3454
Tustin, CA 92861



First Class Mail

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**Time Dated Material
PLEASE RUSH**